NUCLEIC ACID ARRAYS

CERTIFICATE OF MAILING TECH CENTER 1600000 I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231. **Typed or Printed Name** Donna Macedo acedo Signature Date 2000 Attorney Docket Number CLON-008 **NON FEE** First Named Inventor CHENCHIK et al. TRANSMITTAL Application Number 09/417,268 Note: Effective October 1, 1998. are subject to annual revision. Filing Date October 13, 1999 Group Art Unit 1655 **Examiner Name** B. Forman

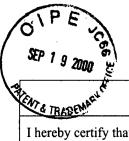
Title

Enclosed are the following documents:

- AMENDMENT UNDER 37 C.F.R. § 1.111
- RETURN RECEIPT POSTCARD.

				CLA	IMS				
No. of claims as filed or after amendment			Most claims previously paid		Extra <u>claims</u>		Fee from below	Fee <u>Due</u>	
Total claims	21	-	36	=	\$0	х	=	= \$0	
Ind. claims	4	-	4	=	\$0	х	=	\$0	
Multiple Dependent claims						х	=		
Large Fee Code	le Entity Fee (\$)		Small Fee Code	F	Intity Fee (\$) Fee Descrip	Fee Description		
103	18		203	9		Claims in ex	Claims in excess of 20		
102	78		202	202 39		Independent	Independent claims in excess of 3		
104	260		204		130	Multiple dep	Multiple dependent claim		
109	78		209		39	Reissue inde	Reissue independent claims over original patent		
110	18		210		9	Reissue clair	Reissue claims in excess of and over original patent		
SUBMITTED BY							Complete (if applicable)		
Typed or Printed Nar	i, BOZICEVIC, FIE	FIELD & FRANCIS LLP			Reg. Number	37,620			
Signature			- Coff		Date	9.11.00	Deposit Account		

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Typed or Printed Name Donna Macedo

Signature

Date

AMENDMENT UNDER 37 C.F.R. §1.111

Assistant Commissioner for Patents Washington, D.C. 20231

Attorney Docket	CLON-008				
First Named Inventor	CHENCHIK et al.				
Application Number	09/417,268				
Filing Date	October 13, 1999				
Group Art Unit	1655				
Examiner Name	B. Forman				
Title	NUCLEIC ACID ARRAYS				

Sir:

Address to:

This amendment is responsive to the Office Action dated June 16, 2000 for which a three-month period for response was given making this response due on or before September 16, 2000. In view of the amendments to the claims and the remarks put forth below, reconsideration and allowance are respectfully requested.

AMENDMENTS

- 1. (Amended) An array comprising at least one pattern of probe oligonucleotide spots stably associated with the surface of a solid support, wherein each probe oligonucleotide spot [corresponds to a target nucleic acid and] comprises an oligonucleotide probe composition made up of a plurality-of unique oligonucleotides, wherein said plurality comprises 2 or more unique oligoracleotides of different sequence that hybridize to the same target nucleic acid.
- 2. (Amended) The array according to Claim 1, wherein said plurality of unique oligonucleotides [are capable of hybridizing] hybridize to different regions of [the corresponding] said target nucleic acid [of the oligonucleotide spot in which they are positioned].